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(71)Applicant : OLYMPUS OPTICAL CO LTD

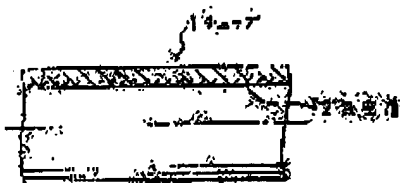
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(72)Inventor : MORISHITA KOJI

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(54) TUBE FOR PIPE LINE



(57)Abstract:

PURPOSE: To enhance secure airtightness and durability while keeping a good slidability on the inner surface by making the percentage of the area occupied by blow holes to the surface area on the inside of a pipe-line tube formed from polytetrafluoroethylene of expandable foaming property different from that on the outside thereof.

CONSTITUTION: By making an airtight layer 2 of the part in the radial direction along the entire inner circumferential surface of a single-layer tube consisting of PTFE having an expandable foaming property, airtightness can be added. In other words, by reducing the percentage of the area occupied by blow holes to the surface area on the inside layer of a tube 1 consisting of PTFE having an expandable foaming property as compared with that on the outside, airtightness as well as slidability thereof can be ensured. And, since the inner surface part of pipe-line tube 1 is not only made of PTFE, but also is formed in a dense layer, not only a

good slidability can be maintained on the inner surface thereof, but also the characteristic such as chemical resistance specific to PTFE is not impaired. Further, since a part of the thickness of the pipe-line tube 1 on the inner side is formed by fusion as an airtight layer 2, the flexibility of the

pipe-line tube 1 can be sufficiently maintained without increasing the thickness thereof.

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